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Jan 10, 1995

DERWENT-ACC-NO: 1995-244502
 DERWENT-WEEK: 199532
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TITLE: Artificial lens for implanting in the eye - has support in form of ring with radial projections and curved arms with ends parallel to plane of lens but 0.2-1.5 mm in front of it

INVENTOR: GORBAN, A I; KOLBIN, M N ; VOSKRESENSKII, V V

PATENT-ASSIGNEE:

ASSIGNEE

ST PETERSBURG EYE MICROSURGERY

CODE

SPETR

PRIORITY-DATA: 1991SU-5023216 (December 27, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2026040 C1	January 10, 1995		004	A61F002/16

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
RU 2026040C1	December 27, 1991	1991SU-5023216	

INT-CL (IPC): A61 F 2/16

ABSTRACTED-PUB-NO: RU 2026040C
 BASIC-ABSTRACT:

The artificial lens consists of an optical element (1) with a peripheral groove in its edge and a support in the form of a ring (2) with curved radial arms (4).

The support ring has two diametrically-opposite curved projections (3) with their convex sides pointing away from the centres of the lens, while the ends of the arms (4) are located parallel to the plane of the optical element with a distance between the planes of 0.2-1.5 mm.

The forward projection of the arms prevents contact with the iris and the front surface of the lens.

ADVANTAGE - Reduced trauma and post-operative complications and improved implant quality. Bul. 1/10.1.95

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: ARTIFICIAL LENS IMPLANT EYE SUPPORT FORM RING RADIAL PROJECT CURVE ARM END PARALLEL PLANE LENS MM FRONT

DERWENT-CLASS: P32

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1995-189838

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